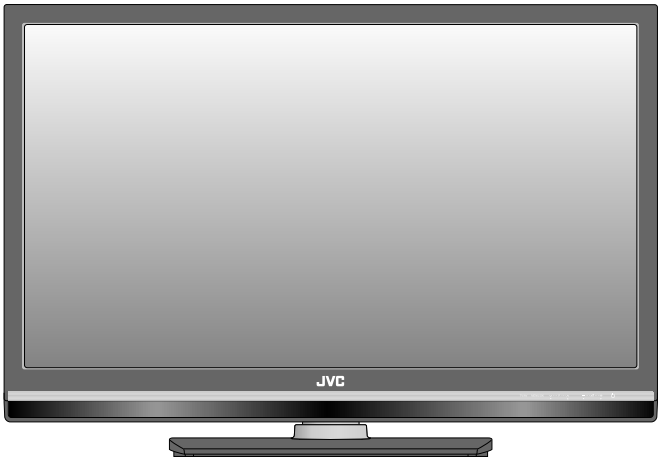
JVC

LT-42SZ58 / LT-46SZ58

WIDE LCD PANEL TV INSTRUCTIONS

โทรทัศน์จอ LCD แบบกว้าง คำแนะนำการใช้งาน



HD ready 1080p

HDMI HIGH-DEFINITION MULTIMEDIA INTERFACE

MAXX Bass

ENGLISH

ภาษาไทย

GGT0263-001A-H

Warning

Please follow all the guidelines below

Follow this manual regarding setup!
- Connect only to a 110 - 240 V, 50/60 Hz AC outlet.

Do not allow the TV to fall!
- Do not rest your elbows on, or allow children to hang from the TV. There is a risk that the TV will fall and cause injuries.
- Make use of the hole on the back of the stand to prevent the TV from falling easily. (P. 6)

Never place anything on the TV!
- Placing liquids, naked flames, cloths, paper, etc. on the TV may cause a fire.

Never expose to rain or moisture!
- To prevent fire or electric shock, never allow liquids to enter the unit.

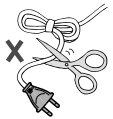
Never insert objects into the cabinet openings!
- It may cause a fatal electric shock. Take care when children are near.

Never obstruct the ventilation holes!
- It may cause overheating or a fire.

Make enough room for inserting and removing the power plug!

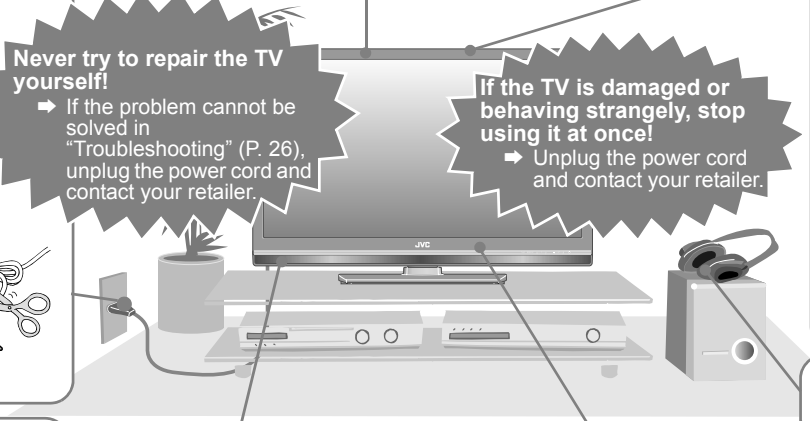
Place the TV as close to the outlet as possible!
- Even if the TV's power lamp is unlit, the main power supply is not cut off unless the power cord is unplugged. The main power supply for this TV is controlled by inserting or removing the power plug.

Never cut or damage the power cord!
- If the power plug is not the right shape, or the power cord is not long enough, use an appropriate plug adapter or extension cable. (Consult your retailer.)



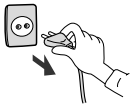
Never try to repair the TV yourself!
➡ If the problem cannot be solved in "Troubleshooting" (P. 26), unplug the power cord and contact your retailer.

If the TV is damaged or behaving strangely, stop using it at once!
➡ Unplug the power cord and contact your retailer.



Never listen to headphones at high volume!
- It may damage your hearing.

Unplug the power cord when going out!
- The power buttons on the remote control and the TV unit cannot completely turn off the TV. (Make appropriate arrangements for bedridden people.)



When attaching the TV to the wall, use the optional JVC wall mounting unit!
- Consult a qualified technician.
- See the included manual on mounting procedures.
- JVC assumes no responsibility for damage due to improper mounting.

Take care when handling the glossy finish!
- For more details, see P. 5.

Handle LCD panel with care!
- Use a soft, dry cloth when cleaning.

Never dismantle the rear panel!
- It may cause an electric shock.

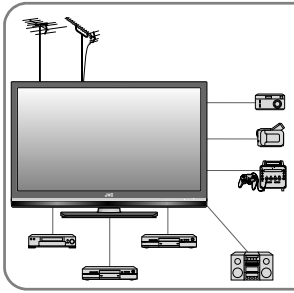
Hold the TV so as not to scratch the screen!
- Do not touch the screen when carrying the TV.

Do not carry the TV on your own!
- In order to prevent accidents, ensure that the TV is carried by two or more people.

■ For more details on installation, usage and safety ➡ Consult your retailer

To set up your TV

Please read “Getting started” (P. 6 - 11).
The main descriptions are in the following pages.



Connecting the external devices and aerial

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Initial settings

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Editing channels

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First things first!
- Warning 1

Getting started
- Remote control 3
- Names and functions of parts 4
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Just the way you like it
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Remote control

Mute

Turn on / off (standby) the TV

Enter channel / page number

Return to a frequently watched channel (P. 13)

View Teletext (P. 14)

Turn on “Clear SD” (P. 20)

Colour buttons

Switch between “TV / STB / DVD / AUDIO” (P. 17)

Display on-screen menu (P. 19)

Switch between TV / VIDEO devices

Select and confirm settings in menus

Change channel / page
For Hyper Scan, press and hold CH∨ or CH∧, PR changes without changing the picture screen. Once you release the button, the picture of the selected PR will appear.

Volume control / Turn off muting

Display PR List and channel information

To the previous screen

Choose a favourite channel (P. 13)

Functions for viewing Teletext (P. 14)

Change the aspect ratio (P. 16)

Set the sleep timer (P. 16)

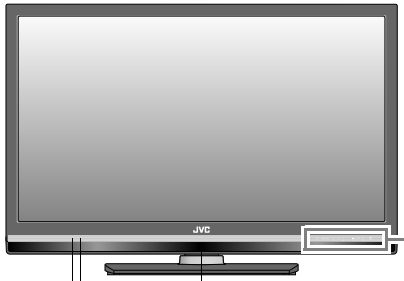
Turn on “Sound Effect” (P. 16)

Select a picture mode (P. 16)

Note

- For buttons that can be used to operate other devices, refer to “Configuring your remote control” (P. 17).

Names and functions of parts



Remote control sensor

Eco Sensor

➡"What is "Eco Sensor"?" (P. 29)

Power lamp

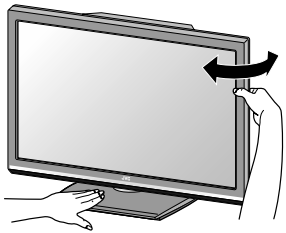
ON: Lit (Blue)
OFF: Unlit

- When "Power Lamp" is set to "Off", the power lamp will not light up. ➡"Power Lamp" (P. 23)

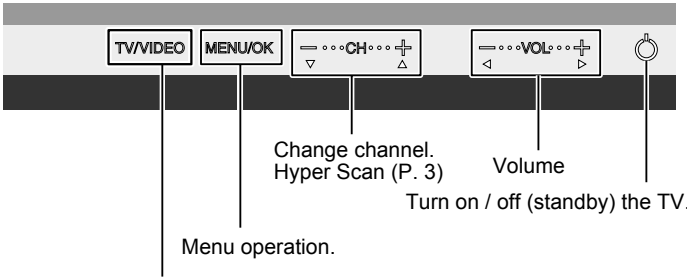
Note

Peel off the protection films pasted on the glossy finish of the TV after the TV has been placed properly. (P. 5)

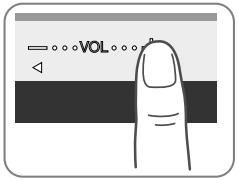
Change the direction of TV



Touch sensor panel operation



■ Touch on the function name to operate the function



- You will hear a beep if you have touched the button correctly.

■ Operate the menus

MENU/OK Use as "MENU" button or "OK" button.

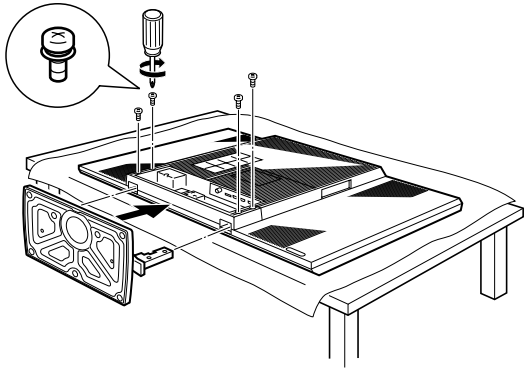
CH Use as "▼" and "▲" buttons.

VOL Use as "◀" and "▶" buttons.

- For details on menu operations, refer to "Customising your TV" (P. 19).

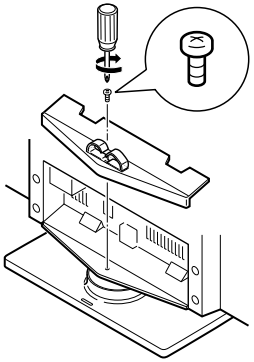
Attach the stand to the TV

1

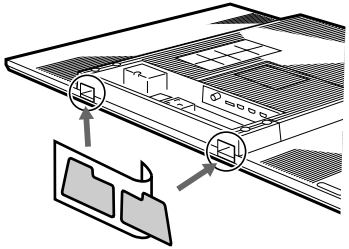


To prevent scratches on the panel, lay a piece of soft cloth on an even platform and place the TV onto it.

2



When attaching the TV to the wall



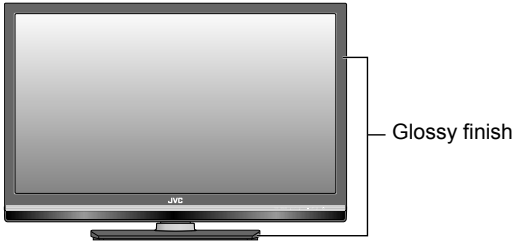
Seal up the two holes at the bottom of the TV using the plates provided. Peel off the protection films on the plates. Then peel the plates from the paper and stick them on the holes.

Handling the glossy finish of the TV

Be careful when handling the glossy finish of the TV

The glossy finish of the TV scratches easily.

- Protection films have been pasted onto the glossy finish of the TV to prevent scratches. Peel off the films after the TV has been placed properly.
- If the glossy finish gets dirty, clear the dust off the glossy finish first. Then wipe softly with the cleaning cloth provided. If you do not clear the dust first, or you wipe the glossy finish too hard, or a cleaning cloth other than the one provided is used, the glossy finish may be scratched.



Getting started

Please read P. 7 - 11 of this manual to set up your TV.

Check accessories

Remote control
RM-C1940

"AAA/R03" Batteries
(For confirming the TV works)

Cleaning cloth
(For details on using the cleaning cloth, see P. 5.)

WARNING:
Batteries shall not be exposed to excessive heat such as direct sunshine, fire or the like.

- Stand, stand cover, screws and plates are also included. For details, refer to page 5.

Install your TV

Follow the instructions on page 5 to attach the stand provided to the TV.

- Place the TV on a flat and stable location.

■ Power requirements

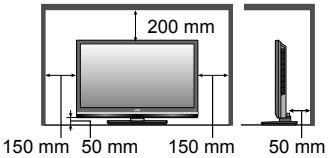
- Connect the power cord only to a 110 - 240 V, 50/60 Hz AC outlet.

■ When attaching the TV to the wall, use the optional JVC wall mounting unit

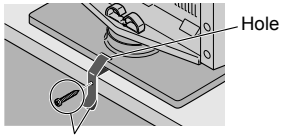
- Consult a qualified technician.
- See the included manual on mounting procedures.
- JVC assumes no responsibility for damage due to improper mounting.
- Mounting holes for wall mounting unit:
  M6 x 4, 400 mm x 200 mm
  Depth of screw hole is 10 mm from the surface of the TV.
- Seal up the two holes at the bottom of the TV with the plates provided. (P. 5)

■ Installation requirements

- To avoid overheating, ensure the unit has ample room.

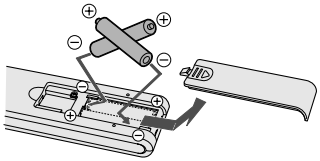


- To prevent the TV from falling, thread the belt through the hole on the back of the stand and secure it to the TV rack, etc.



Insert the batteries

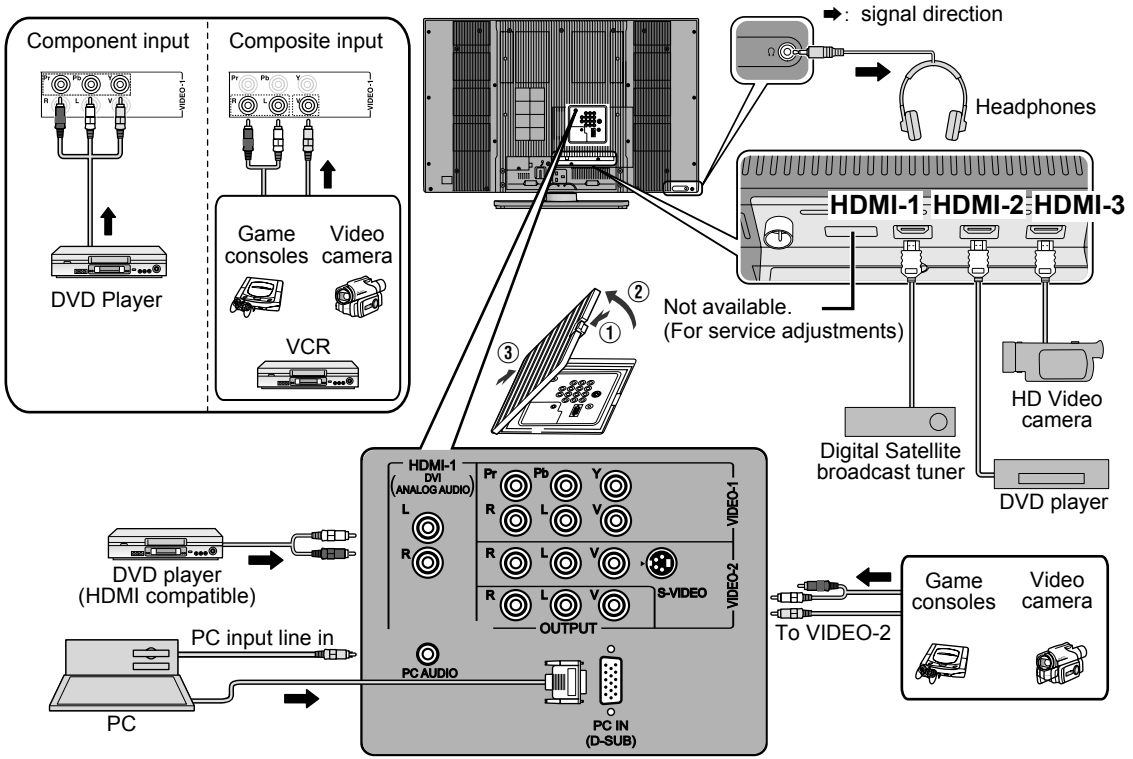
Use two "AAA/R03" dry cell batteries. Insert the batteries from the ⊖ end, making sure the ⊕ and ⊖ polarities are correct.



If this symbol is shown, it is only valid in the European Union.

Connecting your external devices

Make sure all the devices and the TV are turned off.
You can connect many different devices to the rear panel of the TV.
Please read the user manuals of each device before setting up.
(Connecting cables are not supplied with this TV.)



VIDEO-1 Watching videos

Output ⬆	Input ⬇
	• Composite signal / Component signal (P. 32) • Sound L / R

- Use component signal
  ➡ "VIDEO Setting" (P. 24)

VIDEO-2 Watching videos

Output ⬆	Input ⬇
	• Composite signal / S-VIDEO • Sound L / R

- If both composite and S-VIDEO cables are connected, S-VIDEO input takes priority over composite inputs.

HDMI-1 HDMI-2 HDMI-3

Connecting HDMI devices

Output ⬆	Input ⬇
	• HDMI signal (P. 32)

- "HDMI-1 Audio Setting" ➡ (P. 24)
- HDMI-2 and HDMI-3 inputs do not support analogue sound.

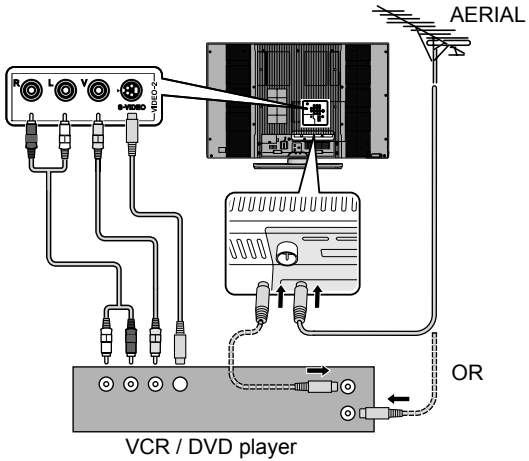
OUTPUT

Video and sound signals of a TV channel you are viewing output from these terminals

Output ⬆
• Composite signal • Sound L / R

■ DVI devices
➡"Connect DVI devices" (P. 28)

Connecting an aerial and VCR / DVD player



- After all the connections have been made, insert the plug into an AC outlet.

Initial settings

The initial settings will begin automatically when the TV is turned on for the very first time. Follow the on-screen instructions to perform the settings.

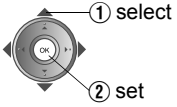
1 Turn on

- If the remote control doesn't work, confirm that the mode is set to "TV".

2 Start initial settings

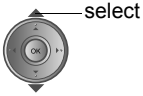
- If the JVC logo does not appear, refer to "To perform initial settings again".

3 Select a language

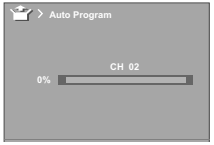


■ To the previous screen ➡ BACK
■ Exit ➡ MENU
■ To perform initial settings again
Take note that performing initial settings again will cause all channel related settings to be lost. Press the "MENU" button to display the menu, then press and hold the number button "1" for more than 3 seconds to start initial settings.
■ If you wish to make changes later
➡"Language" and "Auto Program" (P. 24)

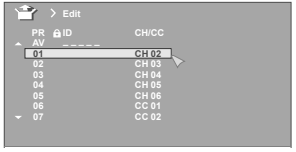
4 Select the Teletext language group

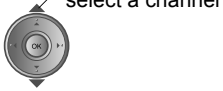


5 Automatically register channels



6 Check what was registered





■ To edit channels
➡"Editing channels" (P. 10)

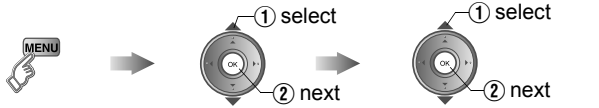
7 Finish

Editing channels

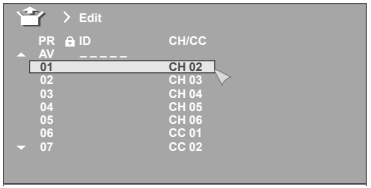
You can edit the channel list.

1 Display the “Edit” menu

Display the menu bar → Select “Set Up” → Select “Edit/Manual”



2 Edit channels

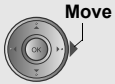


■ To the previous menu
➡ BACK

■ Exit
➡ MENU

Select channel

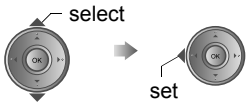
Select edit function



Next

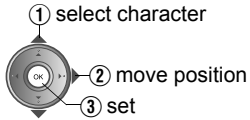
3 Finish

Move **Move a channel’s position (PR)**

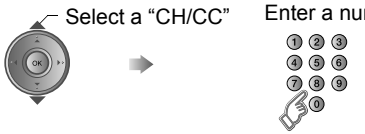


ID **Edit a channel name (ID)**

■ Naming a channel



Insert **Insert a new channel directly by entering the CH/CC number**

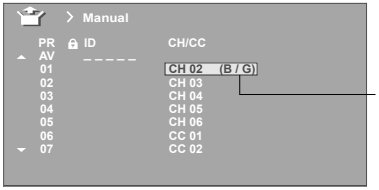


- Receives the broadcast signal.
- “CH/CC” list ➡ (P. 30)

Delete **Delete a channel**

- Pressing the button deletes the channel.

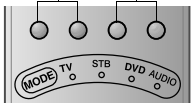
Manual Register a new channel



- If necessary, press ▶ to change the broadcasting system.
  ➡"Sound and colour system in your country or region" (P. 28)

Select a system

① Search a channel Fine tune



② Set

- Press the red or green button. Auto-search begins, and the nearest frequency is imported.
  ➡ Repeat the previous steps until the desired channel is displayed.

Enjoy your new TV!

Watching TV

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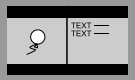
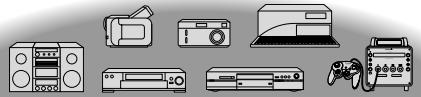
Viewing Teletext

PAGE 14



Watching videos / DVDs

PAGE 15

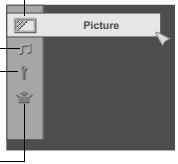


TV/VIDEO

Customising your TV

PAGE 19

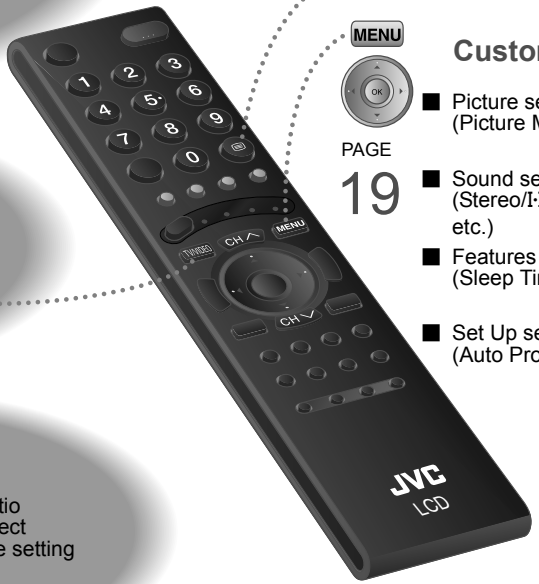
- Picture settings (Picture Mode, Features, etc.)
- Sound settings (Stereo/I-II, Cinema Surround, etc.)
- Features settings (Sleep Timer / Child Lock, etc.)
- Set Up settings (Auto Program, Language, etc.)



Useful functions

PAGE 16

- Change the aspect ratio
- Change the sound effect
- Select a preset picture setting
- Set the sleep timer



Watching TV

1 Turn on

The power lamp on the TV lights.

- If the remote control doesn't work, confirm that the mode is set to "TV".
- Press again to turn the screen off and put the TV into standby mode.
- To completely turn off the TV, unplug the power plug.

2 Select a channel

Using PR list

PR List → Channel information

- Channels registered in "Initial settings" will appear here.

(No indication)

- Select a page ➡ select
- View a channel ➡ ① select ② view

Press a channel number

E.g.
1 : 0 ➡ 1
15 : 1 ➡ 5

Move up or down a channel

CH∧ up
CH∨ down

Note

- Using the TV buttons
  ➡ "Names and functions of parts" (P. 4).

Note

- To soften the picture for daily use, change the setting in "Picture Mode" ➡ "Picture Mode" (P. 19)

Register a frequently watched channel as return channel (RETURN PLUS)

Choose the channel you want to register

Press and hold RETURN + ➡ Return Plus Programmed!

- To Cancel

Press and hold RETURN + ➡ Return Plus Canceled!

RETURN function

If you have not registered or have cancelled the RETURN PLUS channel, press this button to return to the previously watched channel.

Register a channel to a button (Favourite channel)

Choose the channel you want to register

Press and hold ➡ Set 1-4? ➡ Press number button (1-4 only)

➡ Programmed! — Disappears after a few seconds

Recall the favourite channel

Press and hold ➡ Favourite 1-4? ➡ Press number button (1-4 only)

Check your favourite channels

➡ Press "DISPLAY" and confirm that the channels you have registered have a 🕮 beside them.

Delete a favourite channel

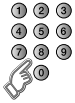
➡ "Favourite Setting" (P. 23)

Viewing Teletext

This TV can display TV broadcasts and Teletext on the same channel in two windows.

1

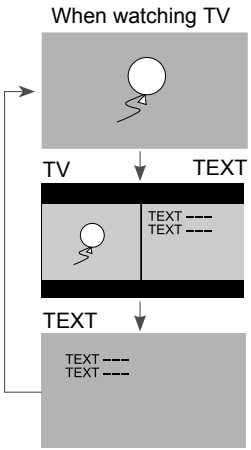
2 Enter a Teletext page



■ Move up or down a page

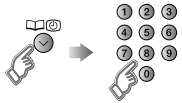
CH — up

CH — down



View sub-pages

Display sub-pages



■ Move up or down a page

(red) (green)

down up

■ Release ➡ Press "" again

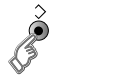
MODE Bookmark your favourite page

1 Display your favourites list

2 Select a coloured button to save your page to

3 Enter the number of the page to save

4 Save



■ Exit ➡ MODE

■ Recall your favourite page

1 Display your favourites list

MODE

2 Press a coloured button

(red) (green) (yellow) (blue)

Watching videos / DVDs

Hold the current page

Hold the current page

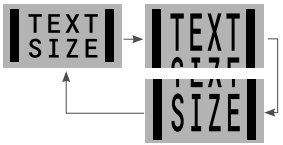
■ Release ➡ Press "⊕" again

Reveal hidden pages

Display hidden information (answers to quizzes, etc.)

Enlarge the text

Double the size of the displayed text



Switch briefly from Teletext to TV

Leave the current page open, while you switch to watch TV

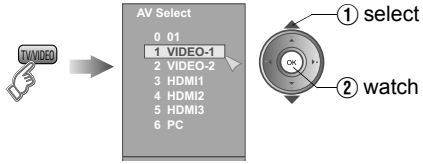
● Useful when running a page search.

To the index page

Returns to page "100" or a previously designated page

1 Select the video source

AV Select



E.g. For VIDEO-1

2 Operate the connected device and play a video

■ **To operate using the TV's touch sensor panel**

1 Touch TV/VIDEO

2 Touch ▽ and △ to select

3 Touch MENU/OK

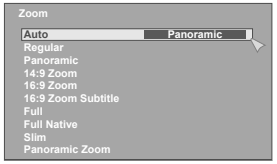
Useful functions

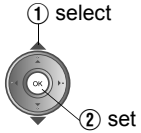
ZOOM Zoom

Change the aspect ratio

1 ZOOM

2 Select the aspect ratio





3

Move the picture with ▲ or ▼ while this bar is displayed

- When “Slim” is selected, a 4:3 image stretched out to 16:9 will revert back to its original aspect ratio with black bands.
- When “Panoramic Zoom” is selected, a 4:3 image with black bands will be stretched out to 16:9.
- “Full Native” ➡ “What is “Full Native”?” (P. 29)
- Using “Auto” ➡ “Auto in “Zoom”” (P. 28)

Note

- Depending on the signal formats, some zoom modes will be displayed in black and will not be selectable.
- If an image is displayed in an aspect ratio that differs from its original aspect ratio, the image will be distorted or portions of the image will be cut off.

Sound Effect

Enjoy the sound setting that you like

Cinema Surround (P. 21)

Enjoy ambient sound.

- “Cinema Surround” does not work with headphones.

MaxxBass (P. 21)

Compensates low frequencies to widen the frequency band.

- “MaxxBass” does not work with headphones.

Picture Mode (P. 19)

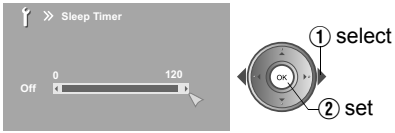
You can select a preset picture setting according to the brightness of your room or when playing video games.

SLEEP TIMER Sleep Timer

Set a time for the TV to turn off automatically

1 SLEEP TIMER

2 Set the time



■ Cancel ➡ Set the time to “0”.

■ Remaining time ➡ Display this menu again.

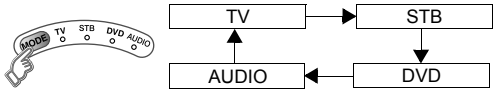
Configuring your remote control

You can configure your TV's remote control to operate your other devices.

Configure your remote control.

1 Turn on the device manually.

2 Switch the remote control mode to a mode that matches your device. Refer to the table on the right to select an appropriate mode.



- The indicator lights for 3 seconds each time the remote control is operated.

3 Find the remote control code for your device according to its brand from the "Remote control codes" manual.

4 Set the remote control code.

Press and hold | Enter four digit number | Release the button

5 Point the remote control at your device, press ⏻/I and confirm that your device is turned off. If your device does not respond, try entering another available code.

Note

- If your device does not respond, try all the available codes for the device's brand.
- If none of the code works, or the brand is not listed, refer to "Using the search code function" (P. 18).

MODE	Applicable devices
TV	This TV only
STB	Cable Set Top Box, Cable/PVR Combination, Satellite Set Top Box, SAT/PVR Combination
DVD	DVD, Blu-Ray DVD, HD DVD, DVD-R, Home Theater in Box, TV/DVD Combination
AUDIO	Amplifier, Receiver, Home Theater in Box

Using the search code function

This function searches through the codes one by one, beginning from the first code in the list.

1 Turn on the device manually.

2 Switch the remote control mode to a mode that matches your device.

Press MODE to select the mode.

3 Activate the search code function.

Hold down ⏻/I and BACK until the mode indicator blinks.

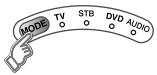
4 Point the remote control at your device and press ⏻/I. If there is no response, try the next code by pressing ▶ and press ⏻/I again. Repeat the process until your device turns off.

5 Press BACK to register the code.
The code is now set. Confirm that the mode indicator goes out.

■ If your TV's remote control still does not work even after using the search code function, use your device's own remote control. The TV's remote control is not guaranteed to work with all models, brands or operations.

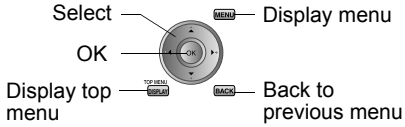
Button functions

■ **Change the remote control mode**

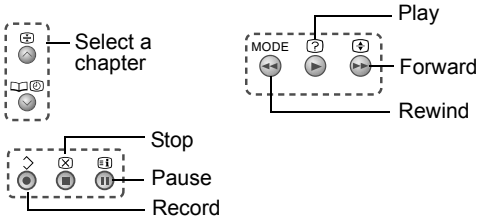


■ **Turn on/off the device**

■ **Navigate the menus**



■ **Playback / Record, etc.**



■ **Mute ➡ Press "🔇"**

■ **Volume ➡ Press "VOL"**

■ **Select a surround mode ➡ Press "♪"**

● Depending on your device, some functions may not be operable with this remote control.

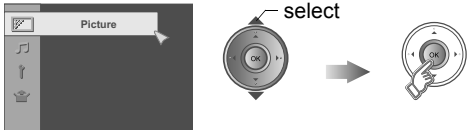
Customising your TV

Note

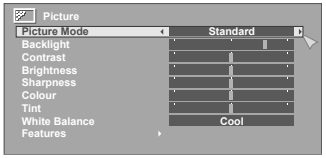
- Depending on the situation (channels, video signal formats, external inputs, etc.), some items will be displayed in black colour and will not work. You will not be able to change their setting as well.

1 Display the menu bar

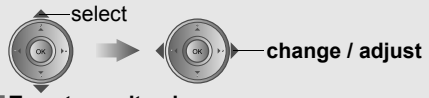
2 Display the desired menu



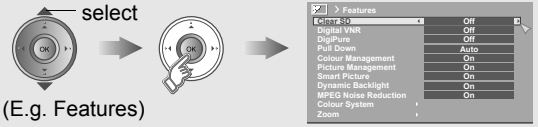
3 Change or adjust the setting



- The menu disappears after one minute of inactivity.
- To the previous screen ➡ BACK



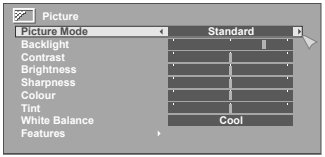
■ To enter an item's menu



(E.g. Features)

4 Close the menu

Picture



Picture Mode

You can select a preset picture setting according to the brightness of your room or when playing video games.

Bright	: in a fairly bright room
Soft	: in a dark room
Standard	: in a room with standard brightness
Game Mode	: when playing video games

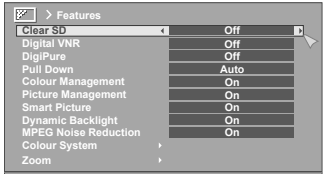
■ You can make further adjustments to the selected preset "Picture Mode" to your liking.

Backlight	Backlight brightness (Darker ⇔ Brighter)
Contrast	Contrast (Lower ⇔ Higher)
Brightness	Brightness (Darker ⇔ Brighter)
Sharpness	Sharpness (Softer ⇔ Sharper)
Colour	Colour (Lighter ⇔ Deeper)
Tint	Tint (Reddish ⇔ Greenish) (NTSC only)
White Balance	Colour temperature (Warm / Mid / Cool)

■ To return to the default adjustments ➡ (blue)

Features ➡ "Features (sub menu)" (P. 20)

> Features (sub menu)



Note

- "Smart Picture" is not available when "Picture Mode" is set to "Bright" (P. 19).
- "Clear SD", "Digital VNR", "DigiPure", "Pull Down", "MPEG Noise Reduction" and "Colour System" are not available when "AV Select" is set to "PC". (P. 15)

Clear SD — For clearer picture (Off / Mode-1 / Mode-2)

- When "Mode-1" or "Mode-2" is selected, "Digital VNR", "DigiPure", "MPEG Noise Reduction" and "Picture Management" settings are not available.

Digital VNR — Reduce noise

On : Maintain constant effect level **Off** : Function is turned off

Auto* : Automatically adjusts the effect level

* "Auto" can be selected only when viewing TV channels.

DigiPure — For natural-looking outlines

On : When the picture loses sharpness **Off** : Function is turned off

Pull Down — For smooth cinema film

On : Function is always on **Off** : Function is turned off

Auto : Turn on / off the function automatically

Colour Management — Maintain a natural colour balance (On / Off)

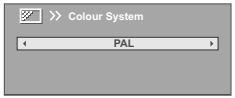
Picture Management — Make it easier to view bright / dark pictures (On / Off)

Smart Picture — Make it easier to view white areas (On / Off)

Dynamic Backlight — Reduce the brightness of the backlight when the screen is dark (On / Off)

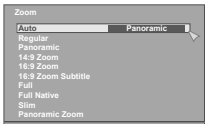
MPEG Noise Reduction — Reduce MPEG video noise (On / Off)

Colour System — When there is no colour, change the colour system (PAL / SECAM / NTSC3.58 / NTSC4.43 / Auto)



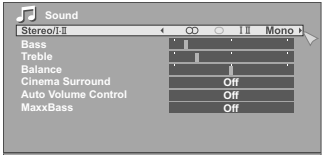
- Select "Auto" when watching videos etc.
- For colour system in your country or region
  ➡ "Sound and colour system in your country or region" (P. 28)

Zoom — Select a default aspect ratio for Auto in "Zoom" (P. 16)



Panoramic 16 : 9 | Regular 4 : 3 | 14:9 Zoom 14 : 9

Sound



Stereo/I-II	Select stereo, monaural or bilingual language (O: Monaural / OO: Stereo / I: SUB1 / II: SUB2 / Mono)
Bass	Low tones (Weaker ⇔ Stronger)
Treble	High tones (Weaker ⇔ Stronger)
Balance	Speaker balance (Left stronger ⇔ Right stronger)
Cinema Surround	Ambient sound (High / Low / Mono / Off)

- "Cinema Surround" does not work with headphones.

Auto Volume Control	Maintains a uniform sound volume even if the sound becomes loud suddenly during commercial breaks etc. (On / Off)

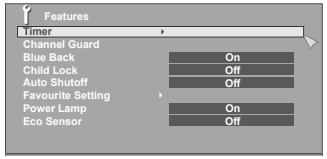
- "Auto Volume Control" does not work with headphones.

MaxxBass	Compensates low frequencies to widen the frequency band (Low / High / Off)

- "MaxxBass" does not work with headphones.

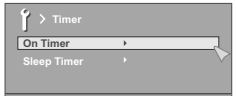
MaxxBass is a registered trademark of Waves Audio Ltd. in the USA, Japan and other countries.

Features



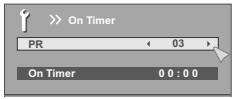
Timer

Timer for turning on and off the TV

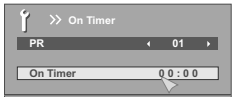


On Timer: Set a time for the TV to turn on automatically

1 select "On Timer"



2 select PR channel



3 ① select "On Timer" → ② enter timer → ③ set

- Choose the PR (channel) that you want to watch when the TV turns on. External input and AV position cannot be chosen for PR.
- Set the "On Timer" to your desired period of time by pressing the number buttons. When the "On Timer" is set to other than 00:00, the "On Timer" is activated. You can set the period of time to a maximum of 12 hours in 1 minute intervals.

To off the "On Timer", set the "On Timer" to 00:00 or press "●" (blue) button.

Note

- If the TV is not in standby mode when "On Timer" has reached the time set, the TV will automatically switch to the channel specified if it is already turned on.

Sleep Timer: Set a time for the TV to turn off (P. 16)

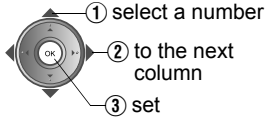
Channel Guard

Stop children from watching specific channels

■ Lock a channel

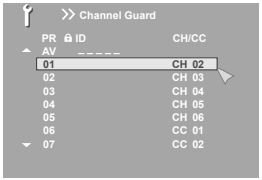
1 Display the menu

Set an "ID No."



- OK button does not work.

2 Select a channel and lock it. (: locked)



select

Guard / Cancel

■ View a locked channel

Use the number buttons to enter the channel number.
When " " appears, press " DISPLAY " and enter your "ID No." with the number buttons.

- If you forget your "ID No.", perform step 1 again.

Blue Back

Displays a blue screen and mutes the sound when the signal is weak or absent (On / Off)

Child Lock

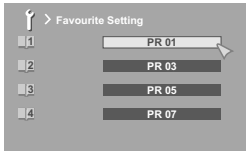
Disable the front control buttons on the TV. (On / Off)

Auto Shutoff

Set the TV to turn off if no signal is received and no operation is performed for about 15 minutes (On / Off)
Select in RF mode only.

Favourite Setting

Remove a channel from the Favourite channel list



■ For more details

➡ “Register a channel to a button (Favourite channel)” (P. 13)

Power Lamp

Lights the power lamp (P. 4) while the TV is on (On / Off)

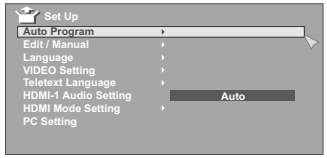
Eco Sensor

Automatically adjusts the picture contrast according to the brightness of your room (On / Demo / Off)

■ For more details

➡ “What is “Eco Sensor”?” (P. 29)

Set Up

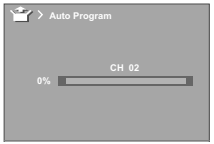


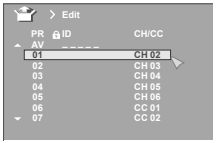
Note

- "PC Setting" is only available when "AV Select" is set to "PC". (P. 15)

Auto Program

Automatically registers the channels





■ Edit channels

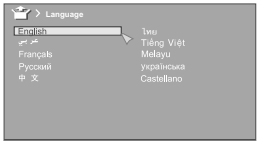
➡"Editing channels" (P. 10)

Edit/Manual

➡ "Editing channels" (P. 10)

Language

Select a language for the menus



VIDEO Setting

➡ "Setting video terminals" (P. 25)

Teletext Language

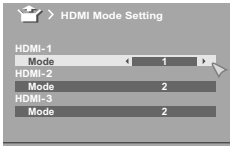
Select a language for Teletext programmes (P. 9, 28)

HDMI-1 Audio Setting

Set to "Digital" or "Auto" for HDMI devices, or "Analogue" or "Auto" for DVI devices. (Not available for HDMI-2 and HDMI-3.)

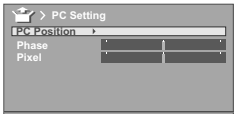
HDMI Mode Setting

For setting the HDMI input
If there is no picture displayed on the screen, set "Mode" to "1" or "2".



PC Setting

For setting the PC input

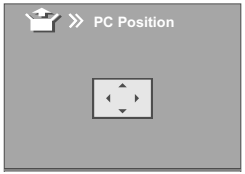


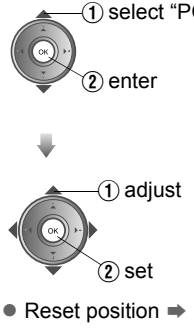
PC Position:
Adjust screen position

Phase:
Sets the focus of the screen.

Pixel:
Adjusts the horizontal feature of the screen.

■ Adjust the position of the PC image





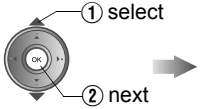
- Reset position ➡ (blue)

Setting video terminals

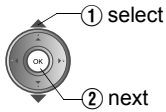
1 Display the “VIDEO Setting” menu

Display the menu bar

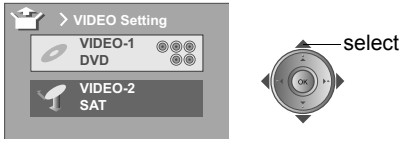
Select “Set Up”



Select “VIDEO Setting”



2 Select an input, and then proceed with setting

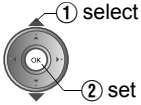


Edit names of connected devices (ID LIST)

① Show the name list

(blue)

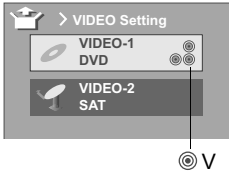
② Select a name from the list



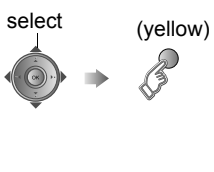
■ Clear the name ➡ Select the blank space in the list

Switch between component and composite input (◎◎◎Pr/Pb/Y, ◎V)

① Select “VIDEO-1”



② Set to component input



■ Return to composite input ➡ Press “●” (yellow) in ② again.

Troubleshooting

Severe noise or snow

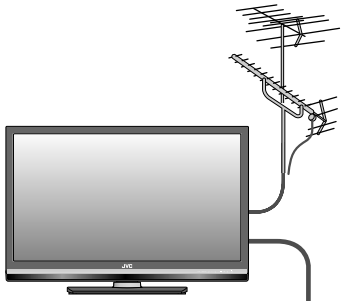
- Is the TV connected correctly to the aerial?
- Change the direction of the aerial.
- Is the aerial or its cable damaged?
  - ➡ Consult your retailer

Patterns, stripes or noise

- Is the aerial receiving interference from high-voltage power lines or wireless transmitters?
  - ➡ Consult your retailer
- Are connected devices too close to the TV?
  - ➡ Place a minimum distance between the aerial and the cause of interference until no interference

Ghosting
(Doubling of images)

- Are you receiving interference from signals reflected off mountains or buildings?
  - ➡ Adjust the direction of your aerial, or change to a good-quality directional aerial



I can't turn it on!

- Is the power cord connected to the AC outlet correctly?

The remote control doesn't work!

- Are the batteries flat?
- Are you more than 7 meters away from the TV?
- Is the "MODE (TV, STB, DVD, AUDIO)" set to "TV"?
- When viewing teletext, the TV menu bar does not appear.
- Depending on the stability of the signal, there may be a time lag when changing channels.

	Problem	Actions
Basics	Remote control stops working	● Unplug TV, several minutes later plug it in again.
Screen	Aspect ratio changes unintentionally	● Press "ZOOM" to return to your settings. (P. 16)
	PC screen alignment is off	● Adjust "PC Setting". (P. 24)
	Black or white dots appear on the screen	● LCD panels use fine dots ("pixels") to display images. While more than 99.99% of these pixels function properly, a very small number of pixels may not light, or may light all the time. Please understand that this is not a malfunction.
Picture	Poor picture quality	● Change the "Picture Mode" setting. (P. 19) ● Unnatural colour >>> Adjust "Colour" and "Backlight". (P. 19) Check your "Colour System". (P. 20) ● Noise >>> Set to the following functions. Picture Mode: Standard (P. 19) Digital VNR: On (P. 20) DigiPure: Off (P. 20) ● Dull picture >>> Set to the following functions. Picture Mode: Bright (P. 19) Digital VNR: Off (P. 20) DigiPure: On (P. 20)

	Problem	Actions
Picture	Strange picture when using an external device	● If the top of the image is distorted, check the video signal quality itself. ● If movement appears unnatural when receiving a signal from a DVD player etc., with 576p (625p), change the output setting of the external device to 576i (625i).
Sound	Poor sound	● Adjust “Bass” and “Treble”. (P. 21) ● If receiving a poor signal in “Stereo/I-II”, switch to “Mono”. (P. 21) ● Adjust the channel reception using “Edit/ Manual”. (P. 10)
	No sound from the audio component	● Audio signals received from HDMI-1, HDMI-2 and HDMI-3 cannot be sent to the OUTPUT terminal.
Functions	Some functions do not work	● It is not a malfunction. Depending on the situation, some function items will be displayed in black colour and will not work. (P. 19)
HDMI	Wrong screen size	● Read the user manual of the connected device and perform the following: ➡ Check if the output setting of the device is correct. ➡ Change the signal format of the device to other format.
	No picture, no sound	● Use the cable marked with HDMI logo.
	Picture noise or no picture	● Set “HDMI Mode Setting” to “1” or “2”. (P. 24)

	Problem	Actions
HDMI	No sound	● Check if the device is compliant with HDMI. ● Set “HDMI-1 Audio Setting” to “Digital” or “Auto” for HDMI devices, or “Analogue” or “Auto” for DVI devices. (Not available for HDMI-2 and HDMI-3.) (P. 24)
	Green and distorted screen	● Wait a little for the signal to stabilize when switching the signal format for an HDMI device.

Technical information

Language group for teletext

Group	Languages
Group-1	English, French, Swedish, Finnish, Hungarian, Turkish, German, Portuguese, Spanish, Italian, Greek
Group-2	Polish, French, Swedish, Finnish, Hungarian, Czech, Slovak, German, Slovenian, Croatian, Italian, Rumanian
Group-3	English, Russian, Byelorussian, Estonian, Czech, Slovak, German, Ukrainian, Lettish, Lithuanian
Group-4	English, French, Swedish, Finnish, Hungarian, Czech, Slovak, German, Italian, Arabic, Hebrew
Group-5	English, French, Turkish, Farsi

- If the characters are unreadable.
  ➡ Select different teletext language group.

Sound and colour system in your country or region

Refer to page 11 for sound system and page 20 for colour system.

Area	Country or Region	Sound system	Colour system
Asia, Middle East	Bahrain, Kuwait, Oman, Qatar, United Arab Emirates, Yemen, etc. Indonesia, Malaysia, Singapore, Thailand, India, etc.	B/G	PAL
	China, Vietnam, etc.	D/K	
	Hong Kong, etc.	I	
	Islamic Republic of Iran, Lebanon, Saudi Arabia, etc.	B/G	SECAM
Europe	Russia, etc.	D/K	SECAM
	Czech Republic, Poland, etc.		PAL
	Germany, Holland, Belgium, etc.	B/G	
	UK, etc.	I	
Africa	Republic of South Africa, etc.	I	PAL
	Nigeria, etc.	B/G	
	Egypt, Morocco, etc.		SECAM

PC signals that can be displayed

- If the signal doesn't appear, check that the vertical frequency on the PC is set to "60Hz".

Resolution	640 x 480 (VGA)	1024 x 768 (XGA)
Vertical frequency (Hz)	60.0	60.0

Connect DVI devices

Connect a DVI device to HDMI-1 using DVI-HDMI conversion cable. Connect analogue sound output of the DVI device to L and R terminals in HDMI-1 (DVI ANALOG AUDIO).

- Set "HDMI-1 Audio Setting" to "Analogue" or "Auto" ➡ (P. 24)
- HDMI-2 and HDMI-3 inputs do not support analogue sound (HDMI-1 (DVI ANALOG AUDIO)).

Auto in "Zoom"

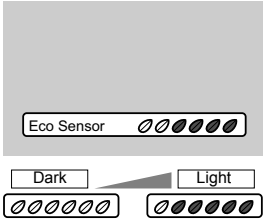
When "Auto" is selected in Zoom, the aspect ratio will turn to the ratio obtained from the information the TV received.

What is “Eco Sensor”?

You can adjust this TV so that the screen automatically adjusts to the optimum contrast of light and dark according to the brightness of your room. This function reduces eyestrain and the power consumption of this TV.

- Set “Eco Sensor” ➡ “Eco Sensor” (P. 23)
- Make sure not to block the Eco Sensor on front of the TV (P. 4)
- To fully reduce eyestrain and the power consumption of this TV. Set to the following functions.
  Eco Sensor: On or Demo (P. 23)
  Smart Picture: On (P. 20)

■ Using “Demo” in “Eco Sensor”, you can display the effect of the “Eco Sensor” on the screen



What is “Full Native”?

- With the full HD LCD display and “Full Native”, you can enjoy full native HD resolution of 1920 x 1080. It exposes flaws in the video that were hidden when viewing on “Full”.

* The illustrations are emphasised to make clear differences between “Full” and “Full Native”.

- Dark bar or noise may appear at the edges of the screen when viewing in “Full Native” for some videos. This is resulted from the signal itself, not due to TV malfunction.

“CH/CC” list

To use the “Insert” function (P. 10), find the “CH/CC” number corresponding to the TV’s Channel number from this table.
US: The US channel numbers are the channel numbers used in the United States, Philippines, etc.
CCIR: The CCIR channel numbers are the channel numbers used in the Middle East, Southeast Asia, etc.
OIRT: The OIRT channel numbers are the channel numbers used in Eastern Europe, Russia, Vietnam, etc.
AUSTRALIA: The AUSTRALIA channel numbers are the channel numbers used in Australia, etc.

CH	Channel			
	US	CCIR	ORIT	AUSTRALIA
CH 02	US-02	E2	R1	AU-0
CH 03	US-03	E3		AU-1
CH 04	US-04	E4	R2	AU-2
CH 05	US-05	E5	R6	AU-6
CH 06	US-06	E6	R7	AU-7
CH 07	US-07	E7	R8	AU-8
CH 08	US-08	E8	R9	AU-9
CH 09	US-09	E9		
CH 10	US-10	E10	R10	AU-10
CH 11	US-11	E11	R11	AU-11
CH 12	US-12	E12	R12	
CH 13	US-13			
CH 14	US-14, W+29			
CH 15	US-15, W+30			
CH 16	US-16, W+31			
CH 17	US-17, W+32			
CH 18	US-18, W+33			
CH 19	US-19, W+34			
CH 20	US-20, W+35			
CH 21	US-21, W+36	E21		
CH 22	US-22, W+37	E22		
CH 23	US-23, W+38	E23		
CH 24	US-24, W+39	E24		
CH 25	US-25, W+40	E25		
CH 26	US-26, W+41	E26		
CH 27	US-27, W+42	E27		
CH 28	US-28, W+43	E28		
CH 29	US-29, W+44	E29		
CH 30	US-30, W+45	E30		
CH 31	US-31, W+46	E31		
CH 32	US-32, W+47	E32		
CH 33	US-33, W+48	E33		
CH 34	US-34, W+49	E34		
CH 35	US-35, W+50	E35		
CH 36	US-36, W+51	E36		
CH 37	US-37, W+52	E37		
CH 38	US-38, W+53	E38		
CH 39	US-39, W+54	E39		

CH	Channel			
	US	CCIR	ORIT	AUSTRALIA
CH 40	US-40, W+55	E40		
CH 41	US-41, W+56	E41		
CH 42	US-42, W+57	E42		
CH 43	US-43, W+58	E43		
CH 44	US-44, W+59	E44		
CH 45	US-45, W+60	E45		
CH 46	US-46, W+61	E46		
CH 47	US-47, W+62	E47		
CH 48	US-48, W+63	E48		
CH 49	US-49, W+64	E49		
CH 50	US-50, W+65	E50		
CH 51	US-51, W+66	E51		
CH 52	US-52, W+67	E52		
CH 53	US-53, W+68	E53		
CH 54	US-54, W+69	E54		
CH 55	US-55, W+70	E55		
CH 56	US-56, W+71	E56		
CH 57	US-57, W+72	E57		
CH 58	US-58, W+73	E58		
CH 59	US-59, W+74	E59		
CH 60	US-60, W+75	E60		
CH 61	US-61, W+76	E61		
CH 62	US-62, W+77	E62		
CH 63	US-63, W+78	E63		
CH 64	US-64, W+79	E64		
CH 65	US-65, W+80	E65		
CH 66	US-66, W+81	E66		
CH 67	US-67, W+82	E67		
CH 68	US-68, W+83	E68		
CH 69	US-69, W+84	E69		

CC	Channel			
	US	CCIR	ORIT	AUSTRALIA
CC 01		S-1		AU-5
CC 02		S-2		
CC 03		S-3		
CC 04		S-4		
CC 05		S-5		
CC 06		S-6		AU-5A
CC 07		S-7		
CC 08		S-8		
CC 09		S-9		
CC 10		S-10		
CC 11		S-11		
CC 12		S-12		
CC 13		S-13		
CC 14	A	S-14		
CC 15	B	S-15		
CC 16	C	S-16		
CC 17	D	S-17		
CC 18	E	S-18		
CC 19	F	S-19		
CC 20	G	S-20		
CC 21	H	S-21		
CC 22	I	S-22		
CC 23	J	S-23		
CC 24	K	S-24		
CC 25	L	S-25		
CC 26	M	S-26		
CC 27	N	S-27		
CC 28	O	S-28		
CC 29	P	S-29		
CC 30	Q	S-30		
CC 31	R	S-31		
CC 32	S	S-32		
CC 33	T	S-33		
CC 34	U	S-34		
CC 35	V	S-35		
CC 36	W	S-36		
CC 37	W+1	S-37		
CC 38	W+2	S-38		

CC	Channel			
	US	CCIR	ORIT	AUSTRALIA
CC 39	W+3	S-39		
CC 40	W+4	S-40		
CC 41	W+5	S-41		
CC 42	W+6			
CC 43	W+7			
CC 44	W+8			
CC 45	W+9			
CC 46	W+10			
CC 47	W+11			
CC 48	W+12			
CC 49	W+13			
CC 50	W+14			
CC 51	W+15			
CC 52	W+16			
CC 53	W+17			
CC 54	W+18			
CC 55	W+19			
CC 56	W+20			
CC 57	W+21			
CC 58	W+22			
CC 59	W+23			
CC 60	W+24			
CC 61	W+25			
CC 62	W+26			
CC 63	W+27			
CC 64	W+28			
CC 75		X		
CC 76		Y	R3	
CC 77		Z	R4	AU-3
CC 78		Z+1	R5	
CC 79		Z+2		AU-4
CC 95	A-5			
CC 96	A-4			
CC 97	A-3			
CC 98	A-2			
CC 99	A-1			

Specifications

Main unit		
Model	**LT-42SZ58**	**LT-46SZ58**
Broadcasting systems	B / G / I / D / K / M (See “Sound and colour system in your country or region”, P. 28)	
Colour systems	PAL, SECAM, NTSC 3.58/4.43 MHz	
Channels and frequencies	VHF low channel (VL) = 46.25 to 140.25 MHz VHF high channel (VH) = 147.25 to 423.25 MHz UHF channel (U) = 431.25 to 863.25 MHz Receives cable channels in mid band (X to Z+2, S1 to S10), super band (S11 to S20) and hyper band (S21 to S41).	
Sound-multiplex systems	NICAM (I / B / G / D / K), A2 (B / G / D / K)	
Teletext systems	FLOF (Fastext), WST (World System Teletext)	
Power requirements	AC 110 V - 240 V, 50/60 Hz	
Audio output (Rated power output)	10 W + 10 W	
Speakers	(4.5 cm x 13 cm) x 2	
Power consumption [standby]	197 W [0.5 W]	210 W [0.5 W]
Screen size (visible area size measured diagonally)	106.7 cm	116.8 cm
Headphone jack	Stereo mini jack (3.5 mm in diameter) x 1	
Dimensions (W x H x D: mm) [without stand]	981 x 672.5 x 274.8 [981 x 626.9 x 74.5]	1071 x 725 x 274.8 [1071 x 680 x 74.5]
Weights [without stand]	23.5 kg [19.5 kg]	26 kg [22 kg]
Accessories	(See “Check accessories”, P. 6)	

Terminals / Connectors				
Terminal name		**Terminal type**	**Signal type (IN)**	**Signal type (OUT)**
Input terminals	VIDEO-1	RCA connectors x 6	Composite video, Analogue component (576i (625i) / 480i (525i), Progressive: 576p (625p) / 480p (525p), HD: 720p (750p), 1080i (1125i)) Audio L / R	
	VIDEO-2	RCA connectors x 3 S-VIDEO connector x 1	Composite video, S-Video, Audio L / R	
	HDMI-1	HDMI connector x 1	HDMI (576i (625i) / 480i (525i) / 576p (625p) / 480p (525p), 720p (750p), 1080p (1125p), 1080i (1125i))	
	HDMI-2			
	HDMI-3			
	HDMI-1 (DVI ANALOG AUDIO)	RCA connectors x 2	Audio L / R	
	PC INPUT	D-SUB (15 pins) x 1	Analogue PC signal	
	PC AUDIO	PC-IN (3.5 pinjack) x 1	Audio	
Output terminals	OUTPUT	RCA connectors x 3		Composite video, Audio L / R
	Headphone	Stereo mini-jack x 1 (3.5 mm in diameter)		Headphone output

- We may change the design and specifications without notice.

JVC

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